

Remark

Applicants respectfully request reconsideration of this application as amended.

No Claims have been amended. Claims 1-10 and 18-29 have been cancelled. Claims 33-47 have been added as new. Therefore, claims 11-17 and 30-47 are present for examination.

Election/Restrictions

The Examiner has required restriction of this application to claims 11-17 and 30-32. While Applicants do not agree with the Examiner's interpretation of the claims, Claim 1-10 and 18-29 are cancelled in the present amendment in order to expedite the prosecution of the application.

35 U.S.C. §102 Rejection*Aleksic*

The Examiner has rejected claims 11-17, and 30-32 under 35 U.S.C. §102 (b) as being anticipated by Aleksic et al., U.S. Patent No. 6,469,703 ("Aleksic"). Aleksic shows a memory mapping in which blocks are alternated between memory channel 0 (CH0) and memory channel 1 (CH1). "By alternating accesses of vertically and horizontally adjacent blocks between CH0 and CH1, an access requiring multiple adjacent blocks in a row or in a column will result in the adjacent blocks being accessed by different channels."

Referring to Claim 11, there are first and second sequences of "pairs of consecutive data blocks," "the pairs of the first sequence alternating in sequential order with the pairs of the second sequence." Aleksic makes no such mention of pairs.

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As an example, while Aleksic shows in Figure 5 that Blocks 0, 2, 4 are in one channel and Blocks 1, 3, 5 are in another channel, according to Claim 11, Blocks 0, 1, 4, 5, would be in one channel and Blocks 2, 3, 6, 7, would be in the other (see e.g. Claim 13).

Applicants are unable to find any mention of such a mapping in Aleksic and accordingly, Claim 11 is believed to be allowable over the reference. Claim 30 similarly refers to pairs of consecutive data blocks and is believed to be allowable on similar grounds. The remaining claims are dependent and are believed to be allowable therfor as well as for the additional limitations set forth in each additional claim, respectively.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

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Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary.

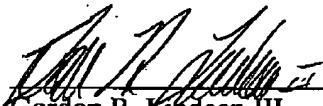
Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
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